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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of Bosma et al

Serial No.: 09/183,380

Filed: 10/30/98

Title: **WIRE-BOUND TELECOMMUNICATION DEVICE AND A CIRCUIT FOR  
USE IN SUCH A DEVICE**

Atty. Docket No.: PHN 16-611

Group Art Unit: 2644

Examiner: Tran, Con P.

Honorable Commissioner of Patents and Trademarks  
Washington, D.C. 20231Amendment/Reply to Office Action

Sir:

Enclosed is a reply in the above-identified application in response to the Office  
Action dated 5 September 2002.

Please amend claim 1 as follows. Attached is a marked-up copy of the amended  
claim.

1. (Twice Amended) A wire-bound telecommunication device comprising:

terminals for coupling the device to a subscriber line of a telecommunication  
network,

a transmission circuit, and

a signal energy detecting arrangement that is configured to determine a time-  
domain signal representing signal energy of a substantial entirety of the signal on the  
subscriber line in a predetermined time interval.

10. (Amended) A circuit for use in a wire-bound telecommunication device comprising  
terminals for coupling the device to a subscriber line of a telecommunication network and  
a transmission circuit, the circuit comprising

a signal energy detecting arrangement that is configured to determine signal  
energy of a substantial entirety of the signal on the subscriber line in a predetermined  
time interval.